

### Features

- Cavity Duplexer
- Very compact size and low weight. (78.0 x 82.0 x 23.0 mm)
- 0.9 dB typical Insertion loss @ room temp.
- 65 dB typical High and Low Rejection.



### Electrical Specifications

#### Duplexer High Path (High → ANT)

PARAMETER	SPECIFICATION	COMMENT
Frequency Range	3,020 MHz ~ 3,300 MHz	BW = 280 MHz
Insertion Loss	1.5 dB Max.	
Pass Band Ripple	1.0 dB Max.	
Return Loss	18.0 dB Min.	
Rejection	60.0 dB Min.	@ 2,700 MHz ~ 2,980 MHz
Max Power	20 Watts	CW
Impedance	50 Ω	

#### Duplexer Low Path (ANT → Low)

PARAMETER	SPECIFICATION	COMMENT
Frequency Range	2,700 MHz ~ 2,980 MHz	BW = 280 MHz
Insertion Loss	1.5 dB Max.	
Pass Band Ripple	1.0 dB Max.	
Return Loss	18.0 dB Min.	
Rejection	60.0 dB Min.	@ 3,020 MHz ~ 3,300 MHz
Impedance	50 Ω	

### Environmental

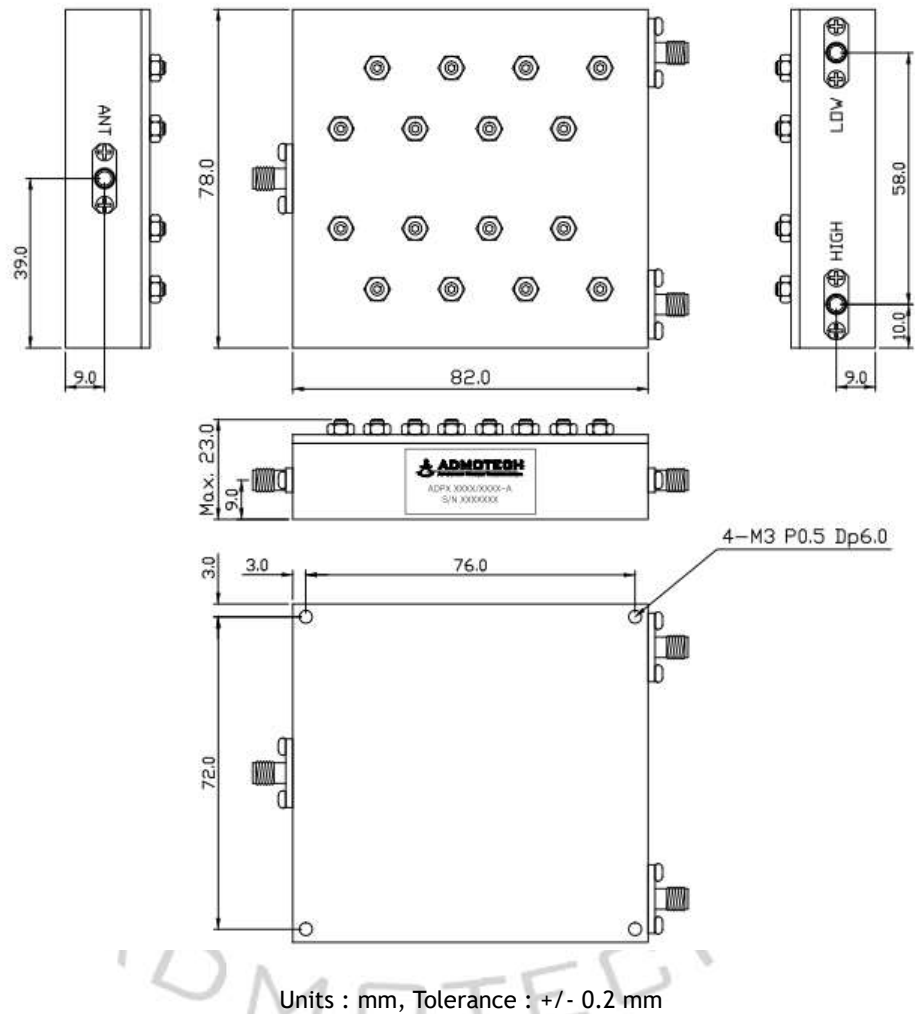
Operating temperature range      -30 to +70 °C

### Mechanical

Dimensions<sup>1)</sup>      78.0 x 82.0 x 23.0 mm

1) Exclude connectors

## Outline Drawing



## Typical Response



Duplexer Low path Transmission

Duplexer High path Transmission